FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/27/05
Date Received: 09/22/05
Project: % of Acid, PO# M106976, F&BI 509182
Date Analyzed: 09/23/05

RESULTS FROM THE ANALYSIS OF AQUEOUS SAMPLES FOR PERCENT ACID

Sample ID Laboratory ID	Percent Acid
M106976A Small Tank 509182-01	11
M106976B 509182-02	11

Date of Report: 09/27/05
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RESULTS FROM THE ANALYSIS OF AQUEOUS SAMPLES FOR SPECIFIC GRAVITY @ 15.56 °C

Sample ID Laboratory ID	Specific Gravity
M106976A Small Tank 509182-01	1.28
M106976B 509182-02	1.28

Date of Report: 09/27/05
Date Received: 09/22/05
Project: % of Acid, PO# M106976, F&BI 509182
Date Extracted: 09/26/05
Date Analyzed: 09/26/05

RESULTS FROM THE ANALYSIS OF AQUEOUS SAMPLE FOR FINGERPRINT CHARACTERIZATION BY INDUCTIVELY COUPLED PLASMA (ICP) EMISSION SPECTROSCOPY

The Metals Were Found at the Approximate Levels Indicated
Results Reported as µg/mL (ppm)

Sample ID: M106976A Small Tank
Laboratory ID: 509182-01

Copper	33,000 ppm
Iron	38,000 ppm

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RESULTS FROM THE ANALYSIS OF AQUEOUS SAMPLE FOR FINGERPRINT CHARACTERIZATION BY INDUCTIVELY COUPLED PLASMA (ICP) EMISSION SPECTROSCOPY

The Metals Were Found at the Approximate Levels Indicated
Results Reported as µg/mL (ppm)

Sample ID: M106976B
Laboratory ID: 509182-02

Copper	3,400 ppm
Iron	61,000 ppm

Date of Report: 09/27/05
Date Received: 09/22/05
Project: % of Acid, PO# M106976, F&BI 509182

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF AQUEOUS SAMPLES FOR PERCENT ACID

Laboratory Code: 509182-02 (Duplicate)

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Percent of Acid	11	12	9	0-20

Date of Report: 09/27/05
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Project: % of Acid, PO# M106976, F&BI 509182

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AQUEOUS SAMPLES FOR SPECIFIC GRAVITY @ 15.56 °C

Laboratory Code: 509182-02 (Duplicate)

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Specific Gravity	1.28	1.28	0	0-2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

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Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

September 27, 2005

DUPLICATE COPY

INVOICE # 05ACU0927-1

Accounts Payable
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project % of Acid, PO# M106976, F&BI 509182 - Results of testing requested by Gerry Thompson for material submitted on September 22, 2005.

2 samples analyzed for Specific Gravity @ $37.50 per sample (24 hour)	$ 75.00
2 samples analyzed for Percent Acid Content @ $75 per sample (24 hour)	150.00
2 samples analyzed for Total Fe and Cu by Method 6010B @ $50 per sample	100.00
2 samples analyzed for Fluoride by Method 300.0 @ $30 per sample	60.00
Amount Due	$ 385.00

FEDERAL TAX ID # (b) (6)

509182

SAMPLE CHAIN OF CUSTODY

CM 09/22/05 AI4

Send Report To G. Thompson
Company Alaska Copper Works
Address 628 S. Hanford St
City, State, ZIP Seattle WA 98134
Phone # 206-382-8328 Fax # 206-382-4309

SAMPLERS (signature)

PROJECT NAME/NO.: % of Acid

PO #: M-106976

REMARKS: Please Rush % of Acid ? SG and call

Page # ____ of ____

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH ____
- Rush charges authorized by: ____

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	% of Acid	Spec. Gravity	Cu, FE	Fluoride	Notes
				HNO3												
M106976A	01	9/22/05	10:00	[redacted]	1							X	X	X	X	
Small Tank																
M106976B	02	9/22/05	10:00	HNO3	1							X	X	X	X	

ANALYSES REQUESTED

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		G. Thompson	ACW	9/22/05	2:33 PM
Received by:		Nhan Phan	FeBI	9/22/05	V
Relinquished by:					
Received by:					

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
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FORMS\COC\COC.DOC

AKC-00077195

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September 27, 2005

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on September 22, 2005 from the % of Acid, PO# M106976, F&BI 509182 project. There are 6 pages included in this report. Samples were sent to Analytical Resources, Inc. for fluoride analysis. The report generated by ARI will be forwarded to your office upon receipt.

Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Charlene Morrow

Charlene Morrow
Chemist

Enclosures
ACU0927R.DOC